

RCVR CONV MODULE, 8-16MC

MODEL TTRR-3

REV K

TITLE

USED ON
MODEL SECTION
TTR-10

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

SEE BELOW
NONE REQ
1-8
9
10
NONE REQ
NONE REQ

LAST SYMBOLS

C332	S301	XZ301
L306	T305	Y302
Q306	W302	Z301
R321	XY302	

COMPILED
CHECKED
APPROVED
FNL APPR
ISS DATE

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L. Gabel
9-4-64

MISSING SYMBOLS

R316

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE USED WHEN XTAL OVENS ARE REQUIRED BY CUSTOMER.
NOTE 3. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE USED WHEN NO XTAL OVENS ARE REQUIRED BY CUSTOMER.

MATERIAL LIST/ NUMERICAL PARTS LIST		REV.	A B C D E F G H J K													MODEL: TTRR-3				SHEET 3 OF 10		
			PART NO.			DESCRIPTION ELECTRICAL/MECHANICAL			ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS		REMARKS							
USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT																				
FS118-1	LATCH, SNAPSLIDE	MS3381											2	2								
FS119-2	LATCHGUIDE, SNPSL	MS3381											2	2								
FS120-1	POST, SNAPSLIDE	MS3381											2	2								
FW04HBN	WASH., FLAT	A3229-2											2	2								
FW101-1	WASH., NM, N	A3229-2											10	10								
GL130	ADHESIVE-Q DOPE	A3223-1 A3223-8 A3223-9 A3223-10																				
JJ219-18-9	JACK, TIP	MS3414											6	6								
LD1326/MS3379	CHAS, WRPARD	A2745											1	1								
LD1332/MS3381	PNL, FRONT	A2741											1	1								
LD1342/MS3414	BKT, XTAL SOC	A3229-2											1	1	XY301,302,XZ301							
LWE04MRN	WASH., LK, EXT	A2744 A3229-2											2 17									
LWI06MRN	WASH., LK, INT	A2745 A3229-2											2 1	21 1								
LWI08MRN	WASH., LK, INT	A2741											1	1								
LW137MRN	WASH., LK, INT	A3229-2											1	1								
MP126-1	KNOB, THD	A2741											1	1								
MP123-1UB	KNOB	A2744											1	1								

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS3372	BKT,MTG,CAP.	A3229-2		1	1		
MS3377	PL,SD,L/R	A2744		2	2		
MS3379	CHAS,WRPARD	LD1326			1		MACH
MS3380	SHIELD,RF	A3229-2		4	4		
MS3381	PNL,FRONT	LD1332			1		MACH
MS3414	BRKT,XTAL SOC	LD1342			1		MACH
MS3446	PL,XTAL RET.	A2745			1		NOTE 3
MS4401	BRKT,RET.	A2744		1	1		
NP559	PL,ID,FREQ	A2744					
NP562	PL,ID,COMM	A2744		1	1		
NT129-440-4	NUT,PLN,SPLINE	MS3379		12			RD
		MS3414		2			RD
		MS4401		4	18		
NT137-0440	NUT,PLN,HEX,N	A3229-2		10	10		
NTH0440BN6	NUT,PLN,HEX	A3229-2		9	9		
NTH3732BN18	NUT,PLN,HEX	A3229-2		1	1		
OC100-1	OVEN,XTAL,12VDC	A2745		1	1	Z301	NOTE 2
OR							
OC100-2	OVEN,XTAL,24VDC	A2745		1	1	Z301	NOTE 2
OR							
OC100-3	OVEN,XTAL,115VAC	A2745		1	1	Z301	NOTE 2
OR							
OC100-4	OVEN,XTAL,32VDC	A2745		1	1	Z301	NOTE 2
PC100-1	PC BD,ETCHING	PC100-2		1	1		
PC100-2	PC BD,MACH	PC100-3		1	1		
PX104-2-022	INS SLVG,SZ 24	A3229-2		2	2		YEL

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PX104-3-022	INS SLVG, SZ 24	A3229-2		2	2		RED
PX104-4-022	INS SLVG, SZ 24	A3229-2		2	2		GRN
PX104-6-022	INS SLVG, SZ 24	A3229-2		2	2		BLU
PX104-7-022	INS SLVG, SZ 24	A3229-2		3	3		GY
PX829-1	PAD, TSTR MTG	A3229-2		6	6		
RC20GF102J	RES, FXD, COMP	A3229-2		1		R308	
		A3229-2		1	2	R315	
RC20GF122J	RES, FXD, COMP	A3229-2		1		R304	
		A3229-2		1		R305	
		A3229-2		1	3	R306	
RC20GF123J	RES, FXD, COMP	A3229-2		1	1	R307	
RC20GF470K	RES, FXD, COMP	A3229-2		1	1	R313	
RC20GF222J	RES, FXD, COMP	A3229-2		1	1	R314	
RC20GF392J	RES, FXD, COMP	A3229-2		1		R311	
		A3229-2		1	2	R312	
RC20GF471K	RES, FXD, COMP	A3229-2		1		R309	
		A3229-2		1	1	R319	
		A3229-2		1		R320	
RC20GF392J	RES, FXD, COMP	A3229-2		1	4	R321	
		A3229-2		1		R317	
RC20GF473J	RES, FXD, COMP	A3229-2		1	1	R318	
		A3229-2		1	1	R309	
		A3229-2		1	1	R317	
RC20GF103J	RES, FXD, COMP	A3229-2		1		R301	
		A3229-2		1		R302	
				1	3	R303	

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RC20GF680K	RES, FXD, COMP	A3229-2		1	1	R310	
RG188/U	CBL, RF	CA418-8		8	8		
RV111-U502A	RES, VAR	A3229-2		1	1	R317	
SC131-0440BN3	SCR, MACH-UNDC	A2744		6			
		A2745		4	10		
SC131-0440BN5	SCR, MACH-UNDC	A2744		2	2		
SC143-0440B10	SCR, MACH-NYLON	A3229-2		5	5		
SCBP0440BN3	SCR, MACH	A2744		2	2		
SCBP0440BN4	SCR, MACH	A2744		4			
		A3229-2		15	19		
SCBP0440BN6	SCR, MACH	A3229-2			2		
SCBP0440BN12	SCR, MACH	A2745		2	2		NOTE 3
SCBP0632BN4	SCR, MACH	A3229-2		1	1		
SCBP0832BN5	SCR, MACH	A2741		1	1		
SCFP0440BN4	SCR, MACH	A2744		2	2		
SW192-12NSJ	SW, ROTARY-TAP	A3229-2		1	1	S301	
TA111-2-2-1.00G	TAPE, URETHANE	MS4401		1	1		
TE164-7	NUT, PLN, CLINCH	PC100-3		4	4		
WA131-22	WASH., SPG TENS	MS3381		2	2		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
WI123-28	WIRE ,ELEC ,MAG ,HT	A3223-1		24	136		SZ 28
		A3223-9		36			SZ 28
		A3223-9		36			SZ 28
		A3223-10		40			SZ 28
WI123-34	WIRE ,ELEC ,MAG ,HT	A3223-8		36	36		SZ 34
WI149-1	CBL ,SP ,SHLD /JKT	CA808-1		12	12		2/C
WL100-8	WIRE ,ELEC ,BUSS	A3229-2		14	14		SZ 24

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TX109	TRANSISTOR	A3229-2		1		Q302	2ND RF
		A3229-2		1		Q303	3RD RF
		A3229-2		1		Q304	MIXER
		A3229-2		1		Q305	BUFFER
		A3229-2		1		Q306	HF OSC
	TRANSISTOR	A3229-2		1	6	Q301	1ST RF

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PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A2741	PNL ASSY,FRONT	A2744		1	1		
A2744	TTRR-3 FNL ASSY	TTRR-3		1	1		
A2745	PC BD/CHAS ASSY	A2744		1	1		
A3229-2	PC BD ASSY	A2745		1	1		
CA418-8	CBL ASSY,RF	A3229-2		1	1	W302	
CA808-1	CBL ASSY,SP,SHLD	A3229-2		1	1	W301	
CH264	CHART,UNIT BKDN	TTRR-3		1	1		
CK667	DIAG,BLOCK	TTRR-3		1	1		
CK685	DIAG,SCHEM	TTRR-3		1	1		
PC100-3	PC BD,MECH ASSY	A3229-1		1	1		
TZ127	COIL,RF	A3229-2		1	1	T305	#A3223-1
TZ134	XFMR,RF	A3229-2		1	1	T301	#A3223-8
TZ135	XFMR,RF	A3229-2		1		T302	#A3223-9
		A3229-2		1	2	T303	#A3223-9
TZ136	XFMR,RF	A3229-2		1	1	T304	#A3223-10

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PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S114	ZN CHROMATE PRM	MS3381		1	1		
S115	ENAM, SMOOTH GY	MS3381		1	1		
S404	IRIDITE, YEL	ALL MS-		1	1		
S808	TEST PROC	TTRR-3		1	1		

